

MILDER THAN AVERAGE WITH VARIABLE RAINFALL AND SUNSHINE

Seasonal rainfall totals were variable with over two-thirds reported to be above average for spring. All three month's reported variable rainfall totals, with driest and wettest conditions (compared to monthly LTA) reported Donegal in April (lowest percentage of monthly LTA 25%) and in Roscommon in May (highest percentage of monthly LTA 210%). Seasonal percentage of LTA values ranged from 61% (seasonal total 154.9 mm) at Inishboffin, Co Galway to 140% (seasonal total 318.2 mm) at Roscommon (Vocational School), its wettest Spring since 1986. Spring rainfall totals ranged from 150.5 mm (67% of its LTA) at Inishere, Co Galway to 691.1 mm at Delphi Lodge, Co Mayo. Over three-quarters of stations reported wetter spring conditions in the last five years with majority of remaining sites reporting their wettest conditions since 2006. The wettest day of spring was May 23rd at Ballynahinch, Co Wicklow with 52.8 mm, nearly 20% of its seasonal total of 274.8 mm (which was 99% of its LTA). This high daily rainfall was its highest for May and spring since the station opened in 1999. Portumna, Co Galway reported its highest spring daily fall since 1941 with 37.5 mm on April 30th. The number of seasonal wet days (*days with 1 mm or more of rainfall*) ranged from 33 days at a few stations in Wexford and Kilkenny to 59 wet days at Coomclogh, Co Cork and Drummin (Tawnyard), Co Mayo.

All mean temperatures were above their LTAs for spring. Most monthly mean temperatures were above their monthly LTAs, except for parts of the Southwest in March and May. Seasonal differences from LTA were up to 1.4°C at Ardtarmon, Co Sligo with a seasonal mean temperature of 10.6°C. Spring mean temperatures ranged from 8.6°C at Knock Airport (0.8°C above its LTA) to 10.7°C at Dublin (Glasnevin) (1.1°C above its LTA). Warrenstown, Co Meath reported a mean temperature of

9.9°C (1.2°C above its seasonal LTA) and equalled its warmest spring since the station opened in 1961. Most highest maxima were recorded in May with spring's highest temperature reported at Oughterard (Ardnasillagh), Co Galway on May 28th with 23.8°C. Lowest air and grass minima were mainly recorded in March, with both the season's lowest air and grass temperature measured at Thomastown (Mt. Juliet), Co Kilkenny on March 11th with -4.0°C and -9.5°C, respectively. Thomastown also reported the highest number of days with air frost during spring with 12 days, while another Kilkenny station of Greenshill reported the season's highest number days with ground frost with 41 days.

Sunshine totals were below LTA in most parts with exception of isolated stations in the West and Southwest. Variable sunshine was recorded in March and April, with below LTA sunshine reported everywhere in May. Percentage of seasonal LTA values were lowest at Knock Airport, Co Mayo with 77% with the station also reporting the seasonal lowest daily mean sunshine of 3.41 hr/day. Percentage of seasonal LTA values were highest at Belmullet Co Mayo with 106% which also reported the seasonal highest daily mean sunshine of 5.12 hr/day. Belmullet measured spring's sunniest day on May 28th with 15.5 hours, equalling its sunniest May and spring day since 1966. The number of dull days ranged from 13 days at both Dublin Airport and Ardfert (Liscahane), Co Kerry to 24 at Wexford Wildfowl Reserve.

Seasonal mean wind speeds were from 6.2 knots (12 km/h) at both Fermoy (Moore Park), Co Cork and Mullingar, Co Westmeath to 14.3 knots (27 km/h) at Malin Head, Co Donegal. Fourteen days with gale force winds were reported with season's highest 10-minute mean wind speed recorded at Mace Head on March 24th with 45 knots (83 km/h). The seasons highest gust was reported at Belmullet on March 8th with 59 knots (109 km/h).

| COUNTY/STATION | RAINFALL (mm) | | | | | TEMPERATURE (°C) | | | | | | SUNSHINE (HRS) | | | | WIND | | | |
|----------------------------------|---------------|----------|---------------|------------------|-----------------|------------------|------------|----------|---------|--------------------------|-----------------------|----------------|--------------|---------------|------------------|----------------------|-----------------------------------|-------------------|-----------------------------|
| | TOTAL | % OF LTA | MOST IN A DAY | NO. OF RAIN DAYS | NO. OF WET DAYS | MEAN | DIFFERENCE | EXTREMES | | NO. OF DAYS GROUND FROST | NO. OF DAYS AIR FROST | TOTAL | % OF AVERAGE | MOST IN A DAY | NO. OF DULL DAYS | HIGHEST GUST (KNOTS) | HIGHEST 10-MIN WIND SPEED (KNOTS) | NO. OF DAYS GALES | NO. OF DAYS GUSTS ≥34 KNOTS |
| | | | | | | | FROM LTA | MAXIMUM | MINIMUM | | | | | | | | | | |
| CO CARLOW CARLOW (OAK PARK) | 196.2 | 110 | 16.7 | 50 | 41 | 9.8 | 0.6 | 20.9 | -1.9 | n/a | 3 | | | | | 45 | 31 | 0 | 7 |
| CO CAVAN BALLYHAISE | 220.7 | 100 | 12.9 | 61 | 48 | 9.4 | 0.7 | 19.2 | -2.8 | 19 | 7 | | | | | 38 | 23 | 0 | 6 |
| CO CLARE SHANNON AIRPORT | 215.8 | 106 | 18.4 | 52 | 40 | 10.3 | 0.5 | 22.3 | -1.1 | 10 | 1 | 403.6 | 93 | 13.6 | 16 | 43 | 33 | 0 | 12 |
| CO CORK CORK AIRPORT | 282.6 | 110 | 26.9 | 61 | 48 | 9.2 | 0.5 | 18.7 | -0.5 | 24 | 1 | 402.9 | 88 | 13.4 | 23 | 46 | 34 | 1 | 13 |
| ROCHE'S POINT | 211.2 | 106 | 21.6 | 53 | 40 | 9.8 | 0.3 | 17.7 | 2.0 | 2 | 0 | | | | | 48 | 35 | 4 | 20 |
| CO DONEGAL FINNER | 205.1 | 80 | 19.9 | 64 | 47 | 9.8 | 1.0 | 19.2 | -1.8 | 14 | 2 | | | | | 48 | 33 | 0 | 18 |
| MALIN HEAD | 192.7 | 91 | 17.8 | 59 | 42 | 9.4 | 0.9 | 17.0 | -0.8 | 14 | 1 | | | | | 54 | 38 | 8 | 32 |
| CO DUBLIN CASEMENT AERODROME | 194.4 | 120 | 22.9 | 49 | 39 | 9.5 | 0.9 | 20.2 | -3.3 | 27 | 5 | 386.7 | 88 | 14.0 | 17 | 49 | 34 | 2 | 15 |
| DUBLIN AIRPORT | 179.4 | 108 | 16.8 | 54 | 42 | 9.3 | 0.6 | 20.3 | -3.3 | 25 | 8 | 453.1 | 98 | 13.8 | 13 | 44 | 34 | 1 | 15 |
| CO KERRY VALENTIA OBSERVATORY | 336.0 | 107 | 24.6 | 63 | 48 | 10.0 | 0.3 | 17.6 | -0.6 | 5 | 1 | 435.7 | 101 | 15.3 | 14 | 56 | 32 | 0 | 15 |
| CO MAYO BELMULLET | 240.7 | 100 | 21.7 | 62 | 49 | 10.0 | 0.7 | 19.1 | -0.5 | 6 | 1 | 470.9 | 106 | 15.5 | 19 | 59 | 43 | 4 | 20 |
| KNOCK AIRPORT | 293.2 | 101 | 25.1 | 64 | 52 | 8.6 | 0.8 | 19.1 | -1.3 | 15 | 3 | 313.6 | 77 | 12.2 | 20 | 48 | 31 | 0 | 13 |
| CO TIPPERARY GURTEEN | 204.4 | 101 | 13.3 | 54 | 43 | 9.3 | 0.6 | 20.4 | -2.2 | 29 | 4 | | | | | 42 | 29 | 0 | 6 |
| CO WESTMEATH MULLINGAR | 254.1 | 120 | 23.2 | 62 | 50 | 9.2 | 0.8 | 19.7 | -2.9 | 32 | 7 | | | | | 34 | 20 | 0 | 1 |
| CO WEXFORD JOHNSTOWN CASTLE | 224.7 | 104 | 23.9 | 52 | 39 | 9.5 | 0.6 | 18.0 | 1.2 | 16 | 0 | | | | | 41 | 29 | 0 | 9 |